

IMAGE PICKUP DEVICE, ITS CONTROL METHOD, AND STORAGE MEDIUM

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Abstract of JP2001222039

PROBLEM TO BE SOLVED: To provide an image pick device which is capable of reducing the burden for management of an ND filter and also which is capable of realizing the high quality of image picked up picture. **SOLUTION:** In the image pickup device provided with a ND (neutral density filter) 151 which is arranged in an image pickup optical system and which is insertable and ejectable to/from its optical path, a diaphragm 152 which is arranged on the optical axis of the optical system, an imaging device 161 which is arranged at the focal position of the optical system with the diaphragm 152 and which is a photoelectric conversion element and a signal processing circuit 162 processing electric signals to be obtained from the imaging device 161, an exposing operation processor 204 controlling the driving timing of the inserting and ejecting operation of the ND filter 151 to the optical path, the stop value of the diaphragm and the imaging device based on the luminance signal obtained from the signal processing circuit 162 is provided.

